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# (12) United States Patent Balaji et al.

### (54) ACCESSORY UNITS FOR CONSUMER ELECTRONIC DEVICES AND RELATED ASSEMBLIES AND METHODS

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(58) Field of Classification Search

See application file for complete search history.

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#### (57) ABSTRACT

An accessory unit includes a front flap and a rear cover. The rear cover includes a recessed portion that defines a chamber and a frame that extends about an opening of the chamber. The chamber is configured to receive a consumer electronic device, and the frame is configured to hold the consumer electronic device therein. For example, the frame may define a multi-sided cross-section with an inner edge thereof configured to engage a chamfered edge of the consumer electronic device. The front flap may include segments formed from panels with folding regions therebetween, which allow the front flap to fold. Further, an end region of the front flap hingedly couples the front flap to the rear cover, such that the front flap may be moved between open and closed configurations.

#### 20 Claims, 20 Drawing Sheets

